Docket No. AUS000127US1

ABSTRACT OF THE DISCLOSURE

APPARATUS AND METHOD FOR CATALOGING SYMBOLIC DATA FOR USE

5   **IN PERFORMANCE ANALYSIS OF COMPUTER PROGRAMS**

An apparatus and method for cataloging symbolic data
for use in performance analysis of computer programs is
10   provided. The apparatus and method stores symbolic data
for loaded modules during or shortly after a performance
trace and utilizes the stored symbolic data when
performing a performance analysis at a later time. A
merged symbol file is generated for a computer program,
15   or application, under trace. The merged symbol file
contains information useful in performing symbolic
resolution of address information in trace files for each
instance of a module. During post processing of the
trace information generated by a performance trace of a
20   computer program, symbolic information stored in the
merged symbol file is compared to the trace information
stored in the trace file. The correct symbolic
information in the merged symbol file for loaded modules
is identified based a number of validating criteria.
25   The correct symbolic information for the loaded modules
may then be stored as an indexed database that is used to
resolve address information into corresponding symbolic
information when providing the trace information to a
display for use by a user.